

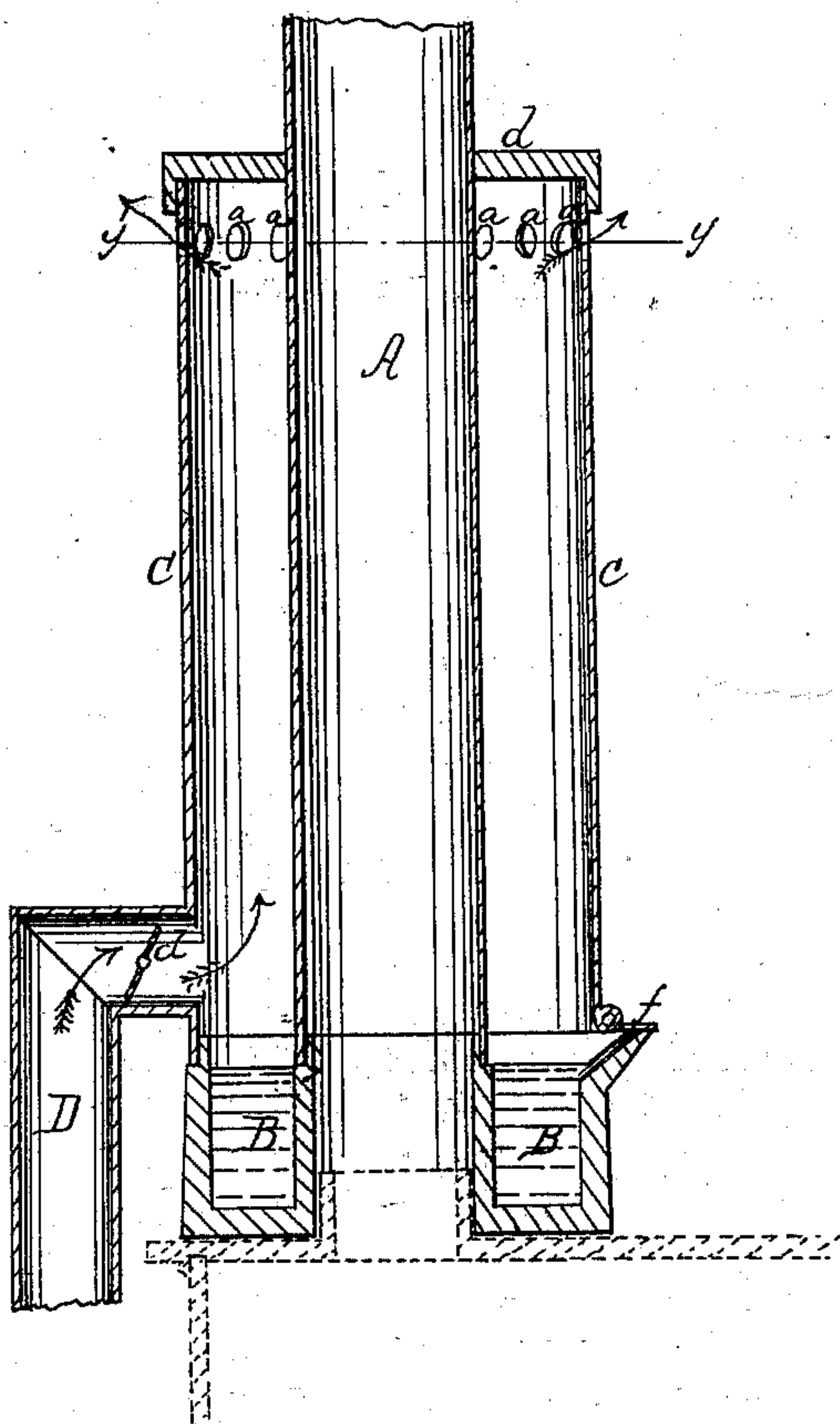
*T. S. Bowman,*

*House Ventilator,*

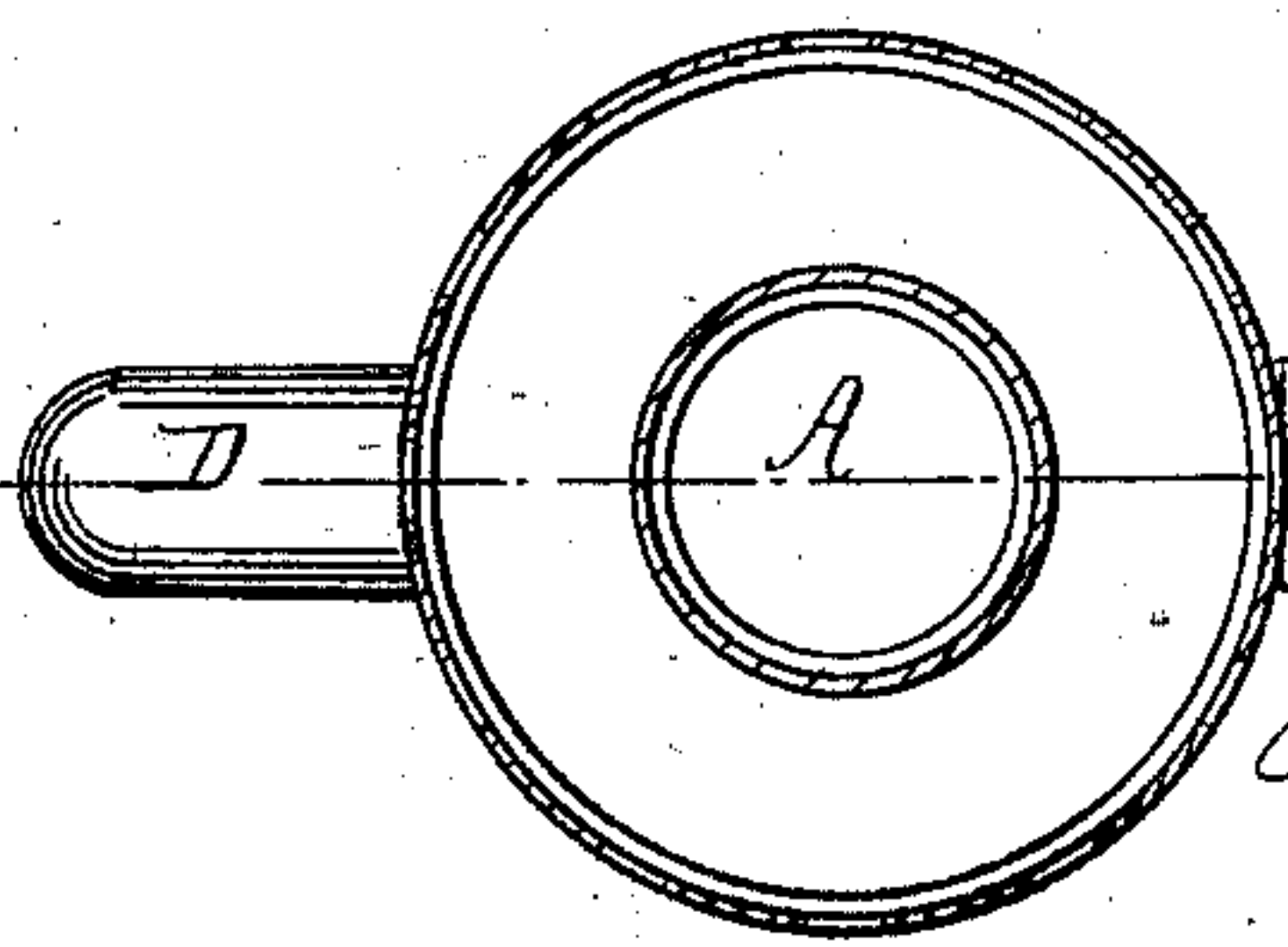
*N<sup>o</sup> 67,945.*

*Patented Aug. 20, 1867.*

*Fig. 1.*



*Fig. 2.*



*Witnesses:*  
*Thos. H. etc.*  
*J. A. Service*

*Inventor:*

*Thomas S. Bowman*  
*Per [Signature]*

# United States Patent Office.

THOMAS S. BOWMAN, OF ST. LOUIS, MISSOURI.

*Letters Patent No. 67,945, dated August 20, 1867.*

## VENTILATING ATTACHMENT FOR STOVES.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS S. BOWMAN, of St. Louis, in the county of St. Louis, and State of Missouri, have invented a new and useful improvement in Moist Warm-Air Ventilator; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention consists in a device for supplying pure and moist air to rooms in dwelling-houses, by surrounding the stove pipe with an air-drum, the bottom of which is connected with a base which contains water which is evaporated and discharged into the room with fresh air, as will be hereinafter described.

Figure 1 represents a central vertical section of the ventilator through the line *x x* of fig. 2.

Figure 2 is a sectional view from the line *y y* of fig. 1.

Similar letters of reference indicate like parts.

A portion of the stove is shown in red, and the base of the ventilator is represented as standing upon the stove enclosing the stove-pipe hole.

A is the stove pipe. B is the base of the ventilator, which contains water. The stove pipe sets over a flange on the top of the base, as seen in the drawing. C represents the ventilator. D is a fresh-air supply pipe, which is passed into the open air in any convenient manner. It has a damper, *d*, to shut off the air when desired. The casing *c* extends upward to any desired height, where a cap, *d*, may close the top around the stove pipe, as represented in the drawing, with holes *a* below for the discharge of the air into the room. *f* is a spout for supplying the base B with water.

The operation is readily understood from the drawing. The vapor from the water mixes with the current of air which passes up through the ventilator from the pipe D, and both are discharged into the room through the apertures *a*, thus furnishing an atmosphere both pure and moist and suitable for respiration.

What I claim as new, and desire to secure by Letters Patent, is—

The base B and the drum C, arranged and operating as herein shown and described, in combination with a stove and stove pipe, substantially as and for the purposes set forth.

THOMAS S. BOWMAN.

Witnesses:

JOHN THURLEY,

THOS. H. CARPENTER.